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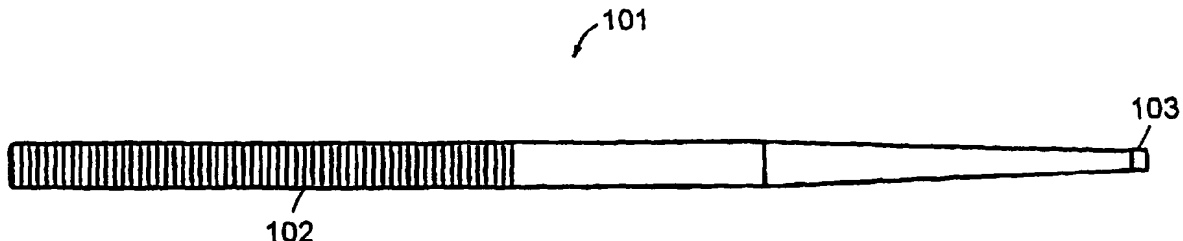
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(54) Title: PATHOGEN RESISTANT CARBIDE SURGICAL TOOLS



(57) Abstract: A surgical tool (101) is provided fabricated from nickel binder tungsten carbide wherein the surgical tool maintains the integrity of the cutting edge for periods longer than prior art materials. The surface porosity of nickel carbide provides cutting edges within surgical tools that are resistant to corrosion and pathogen attachment or entrapment. Additionally, surgical tools fabricated from materials such as nickel carbide produce a tool having superior tactile qualities.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61B 17/00 US CL : 606/79 According to International Patent Classification (IPC) or to both national classification and IPC																										
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 606/79 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) INTERNET: tungsten carbide nickel binder																										
C. DOCUMENTS CONSIDERED TO BE RELEVANT																										
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																								
Y	US 2001/0029386 A1 (MATSUTANI et al) 11 October 2001 (11.10.2001), See entire document.	1-18																								
Y	US 5,733,664 A (KELLEY et al) 31 March 1998 (31.03.1998), See entire document.	1-18																								
Y	http://web.archive.org/web/20010803122258/http://texasball.com/NICKELCARBIDE.htm , Circa 3 August 2001 (03.08.2001), See entire document.	1-18																								
Y	http://web.archive.org/web/20001204152800/http://www.abrasive-form.com/car.htm , Circa 4 December 2000 (04.12.2000), See entire document.	1-18																								
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.																										
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